

FIG. 1

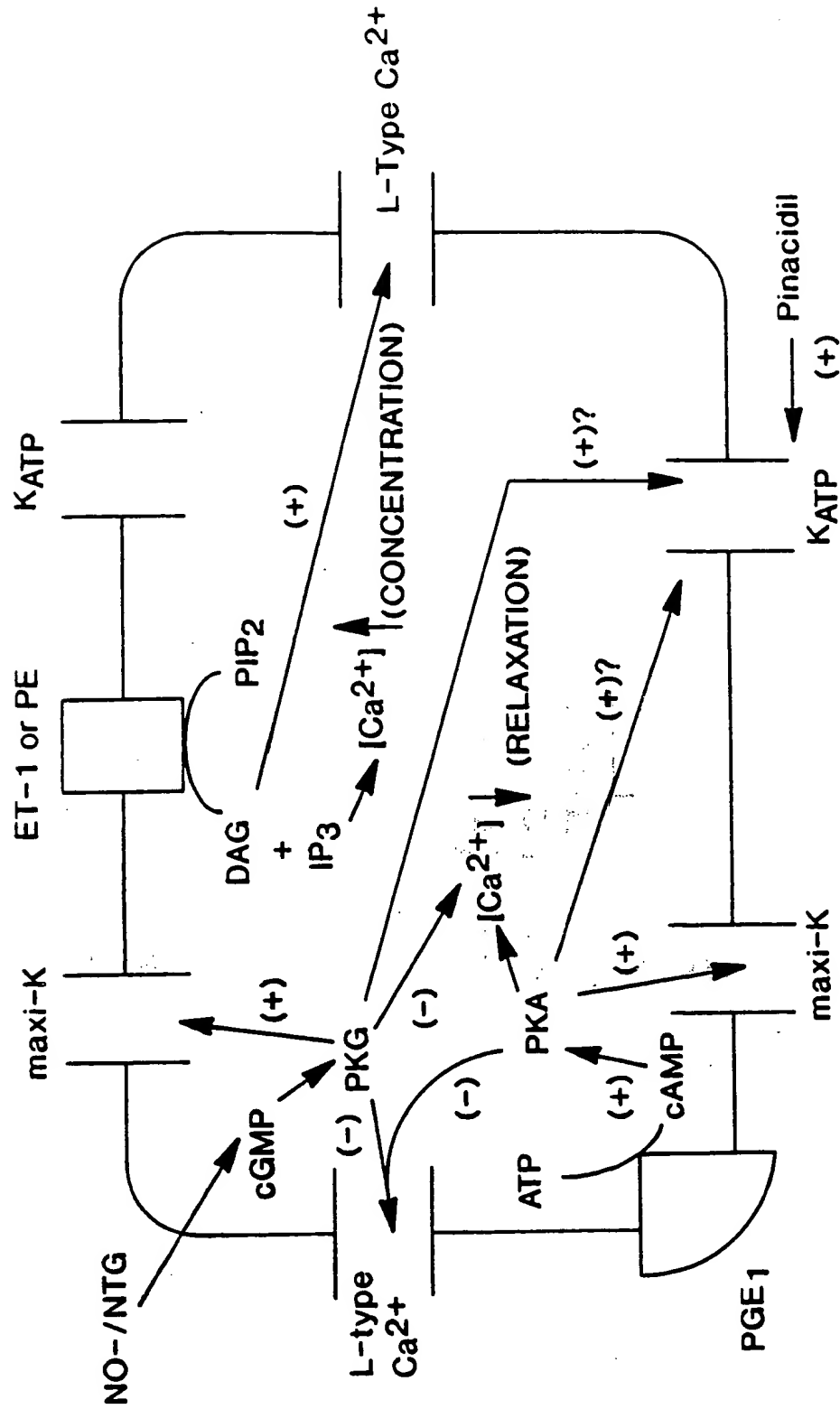


FIG. 2

Inside cell:  
 $[\text{Ca}^{2+}] = 100 \text{ nM}$   
 $[\text{K}^+] = 150 \text{ nM}$   
 Outside cell:  
 $[\text{Ca}^{2+}] = 2.0 \text{ mM}$   
 $[\text{K}^+] = 5 \text{ mM}$

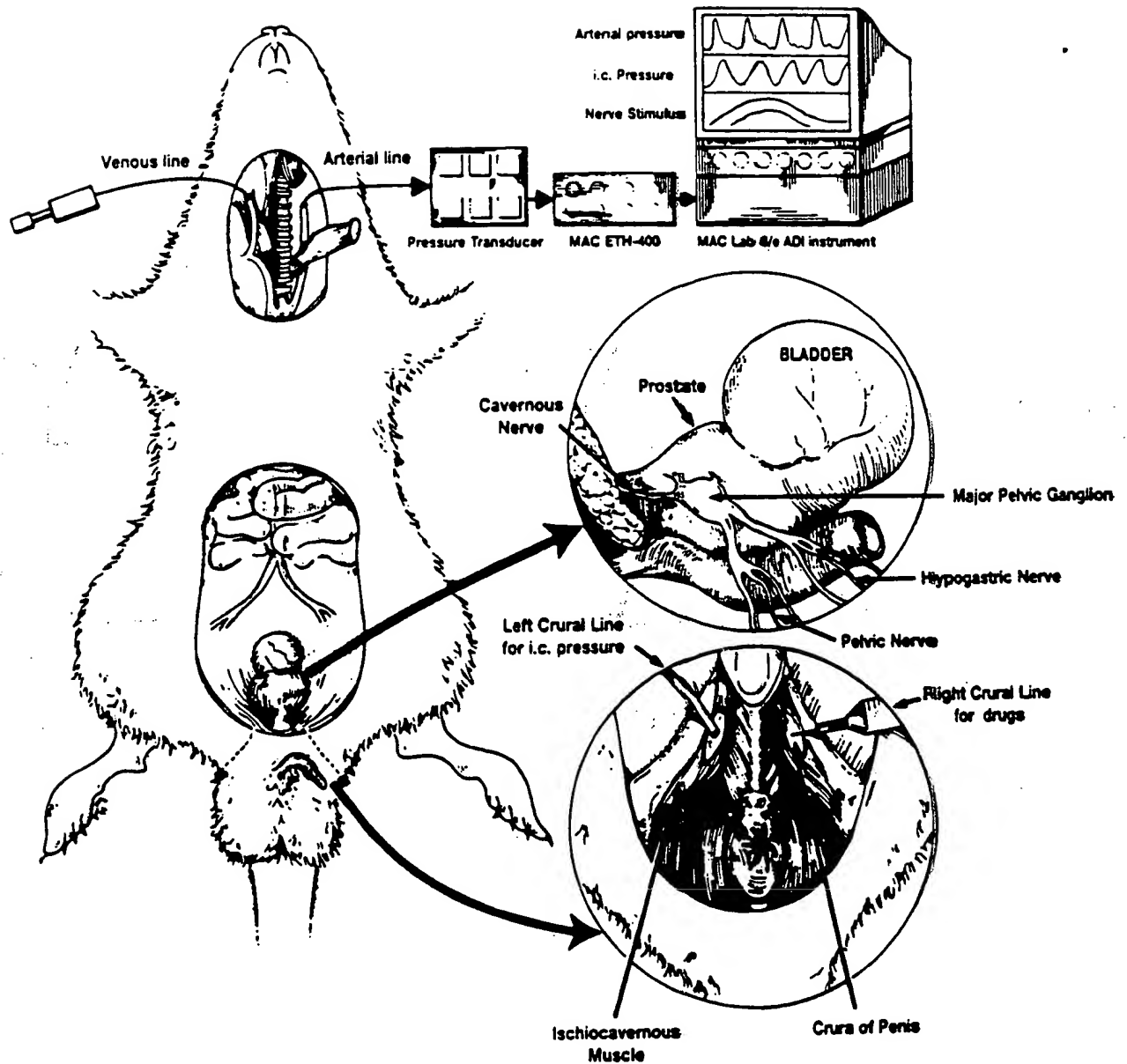
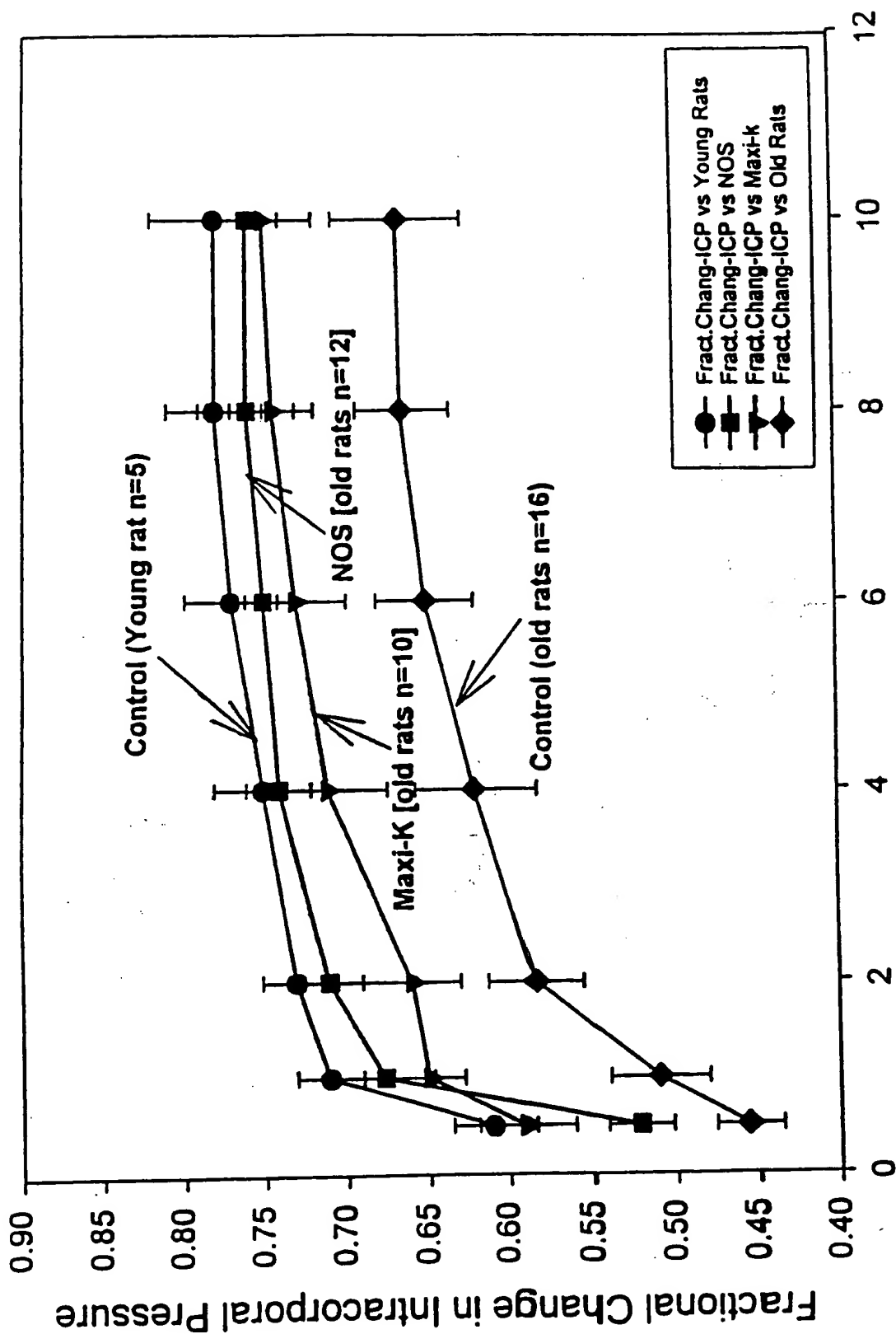
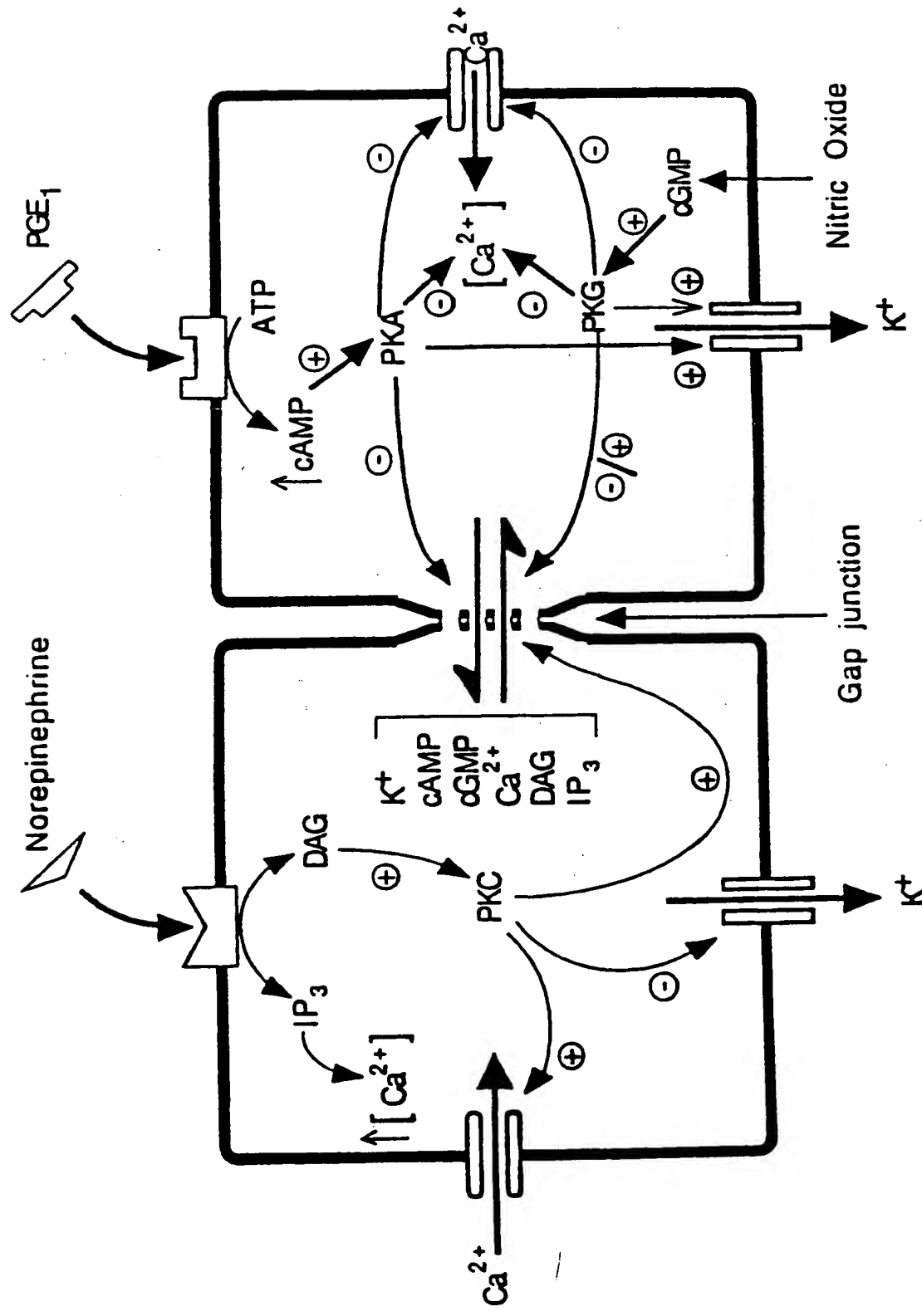


FIG. 3



Neurostimulation (m Amp)

FIG. 4



Factors that modulate  
Vasorelaxation

Factors that modulate  
Vasoconstriction

**FIG. 5**

001220-6967E560

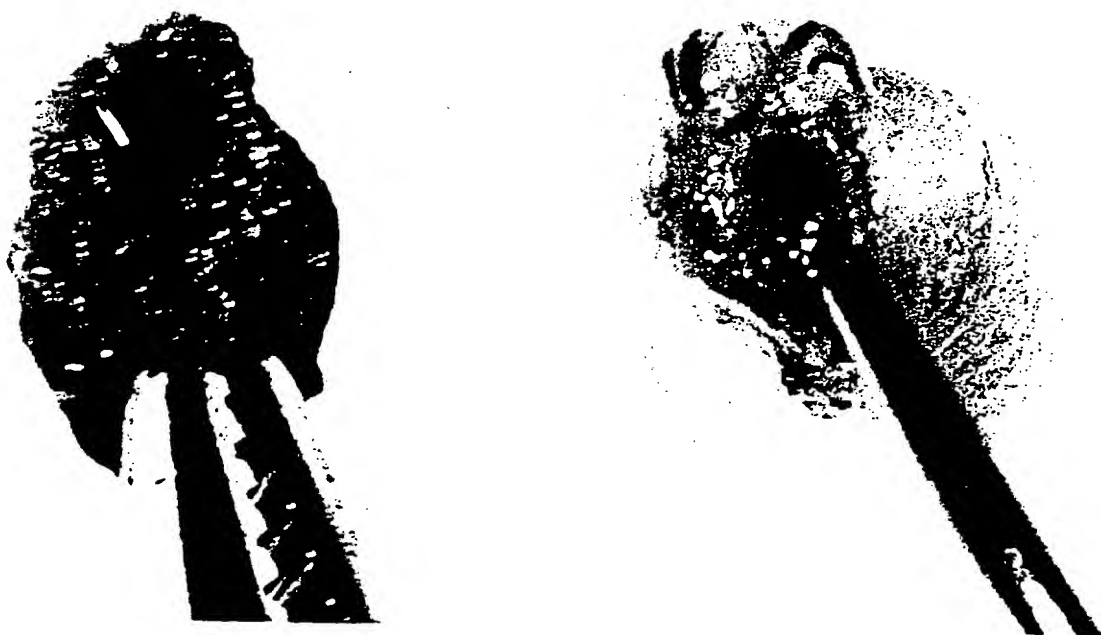


FIG. 6

00534959-032400

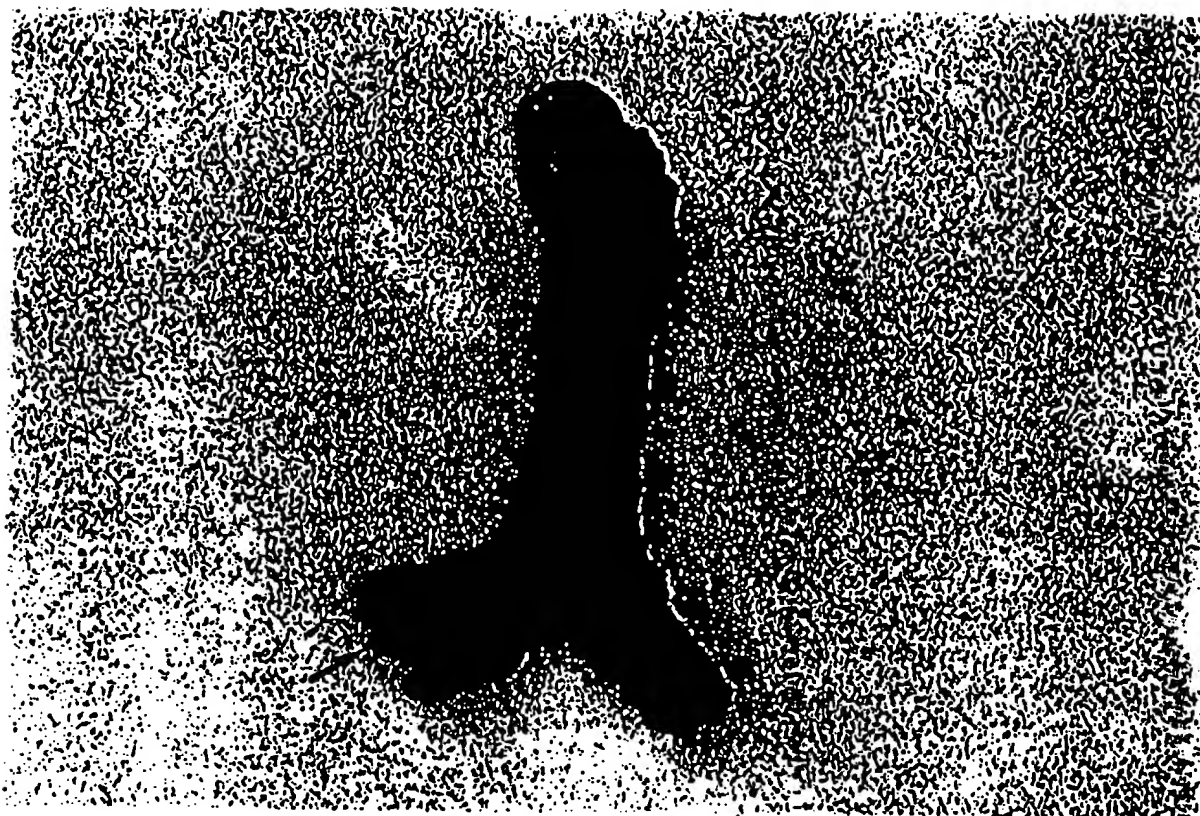


FIG. 7A

00531969-022100

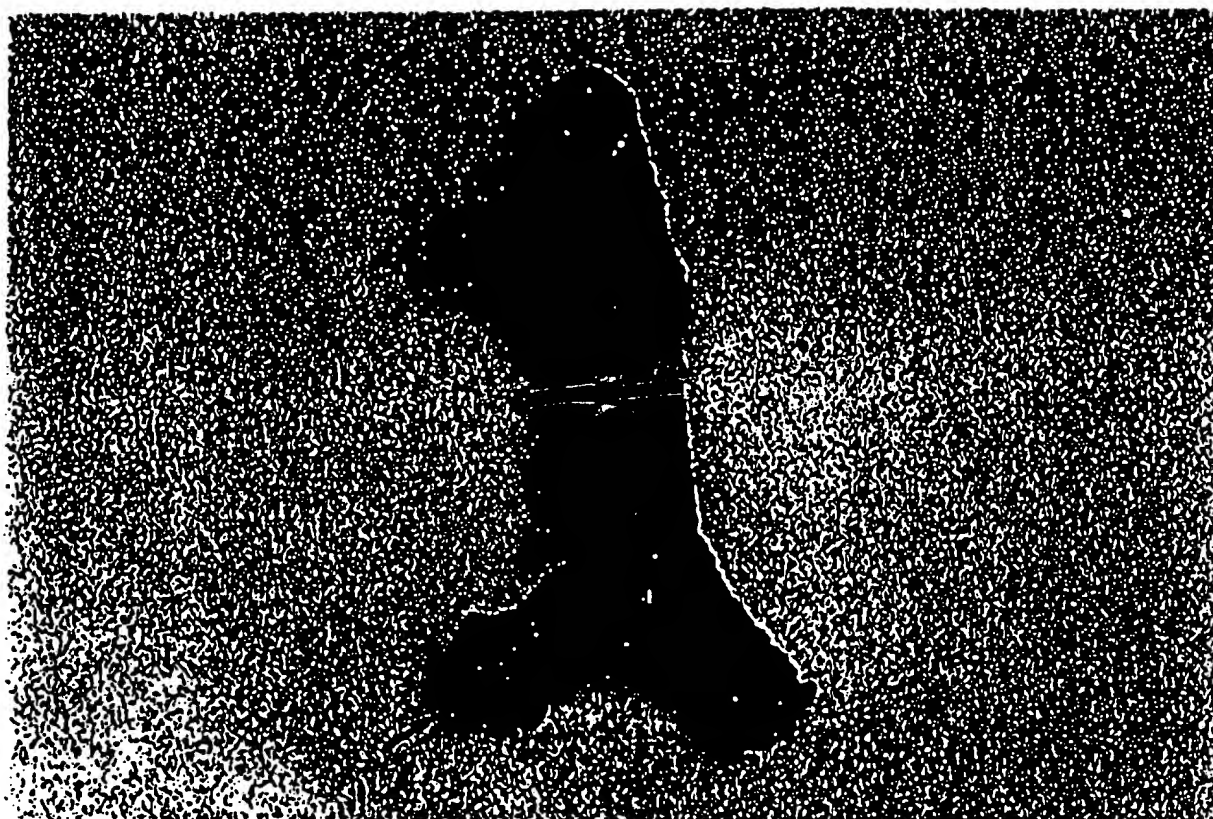


FIG. 7B



004220-6307E500

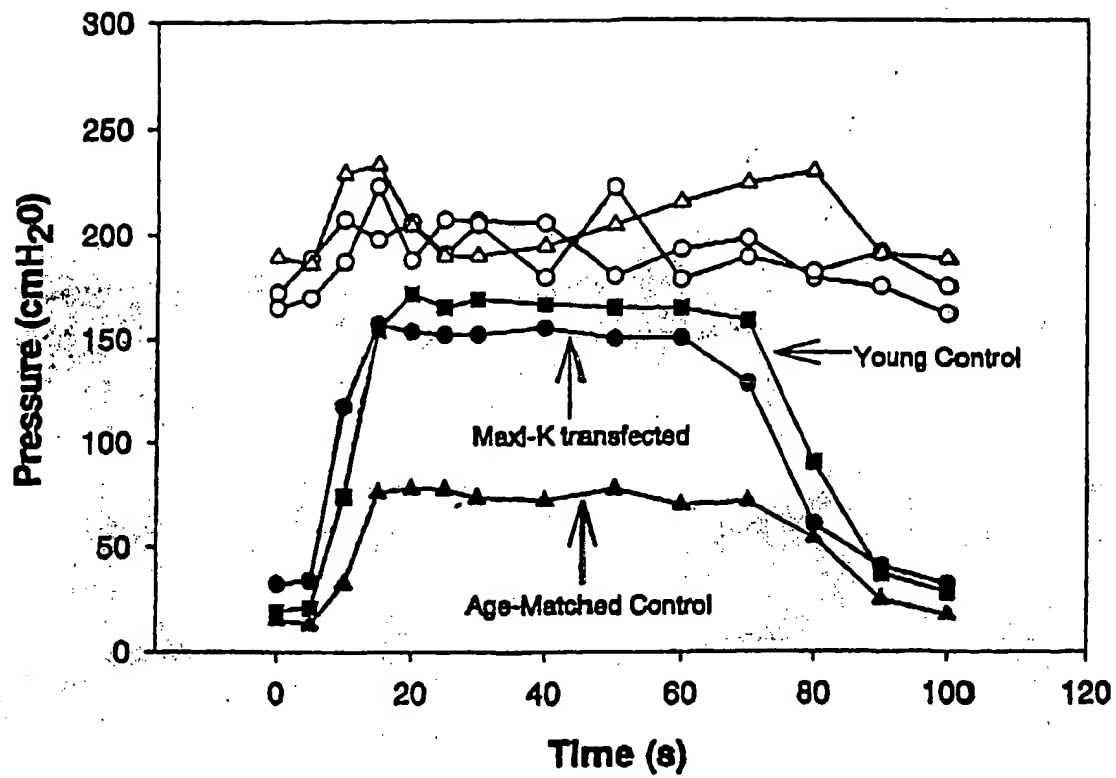


FIG. 8

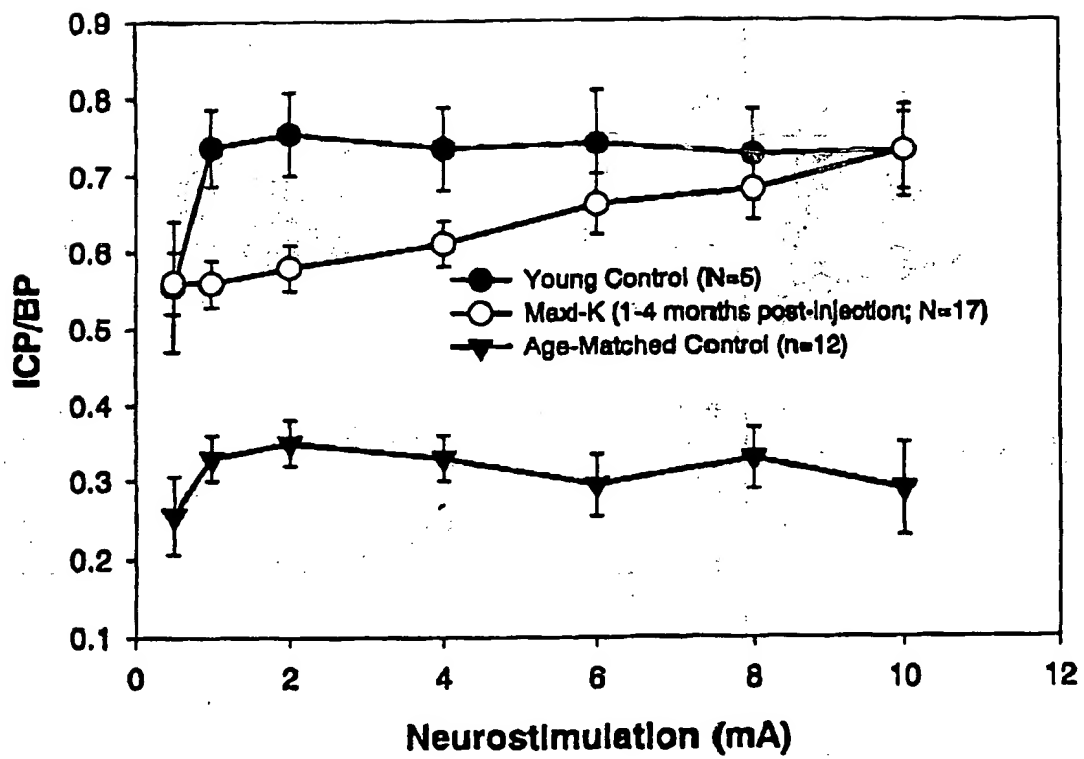


FIG. 9

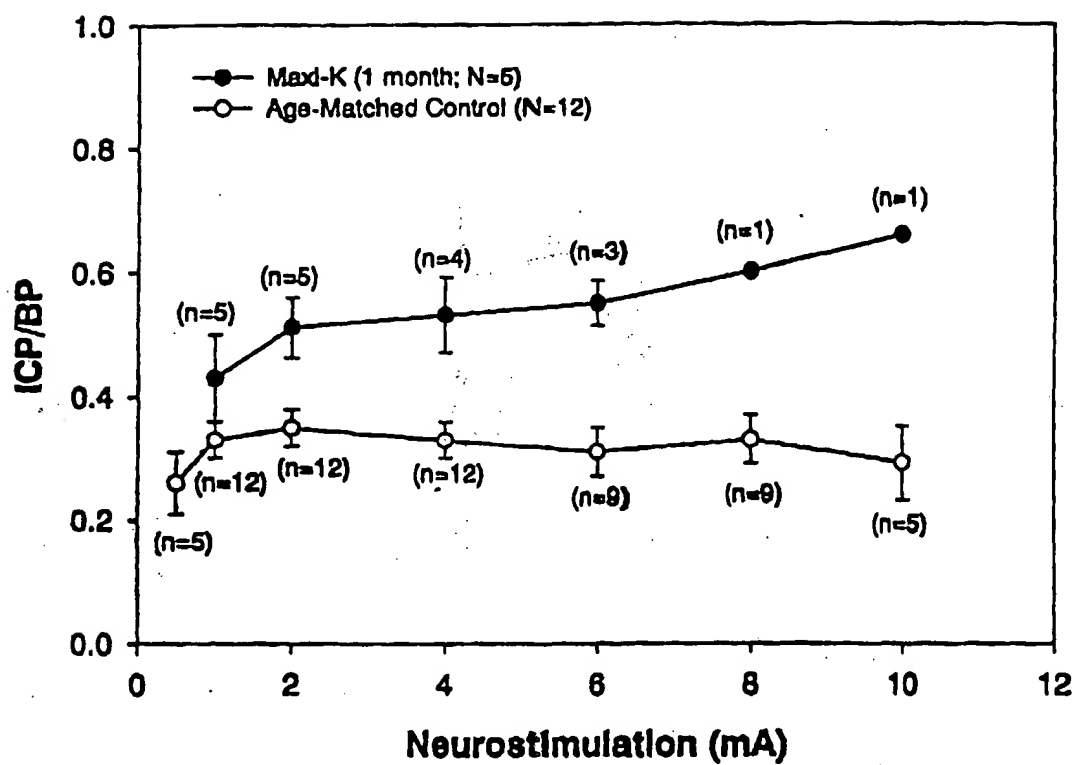


FIG. 10A

001220-6907E500

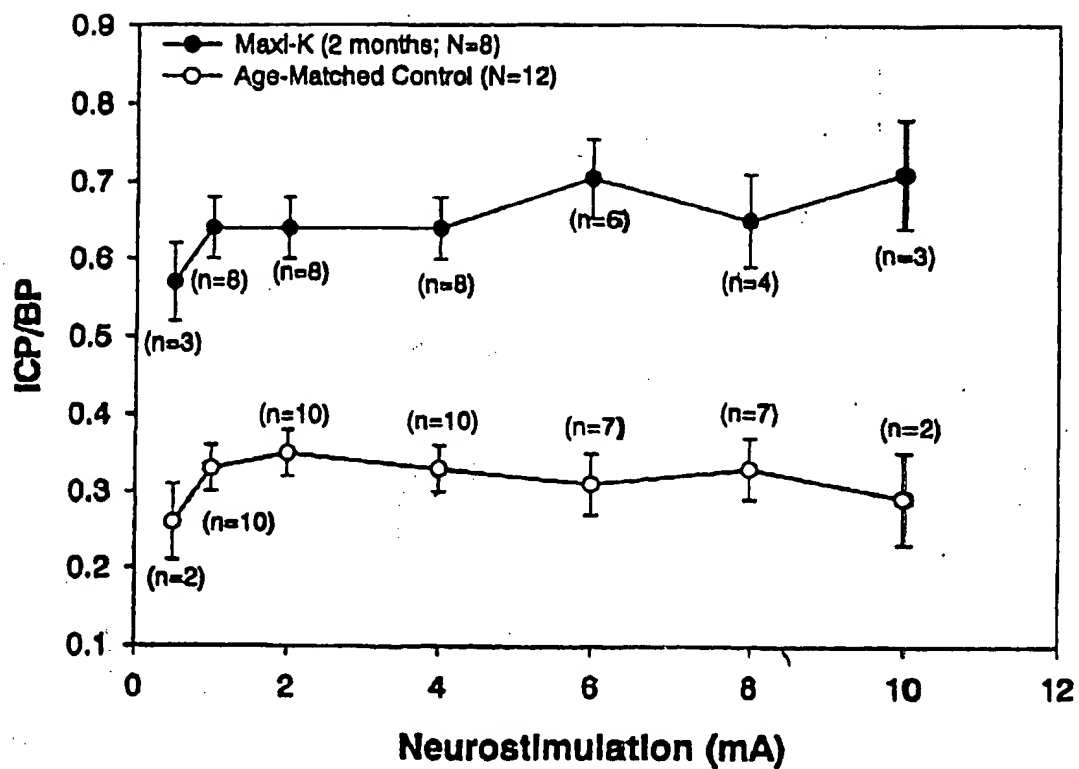


FIG. 10B

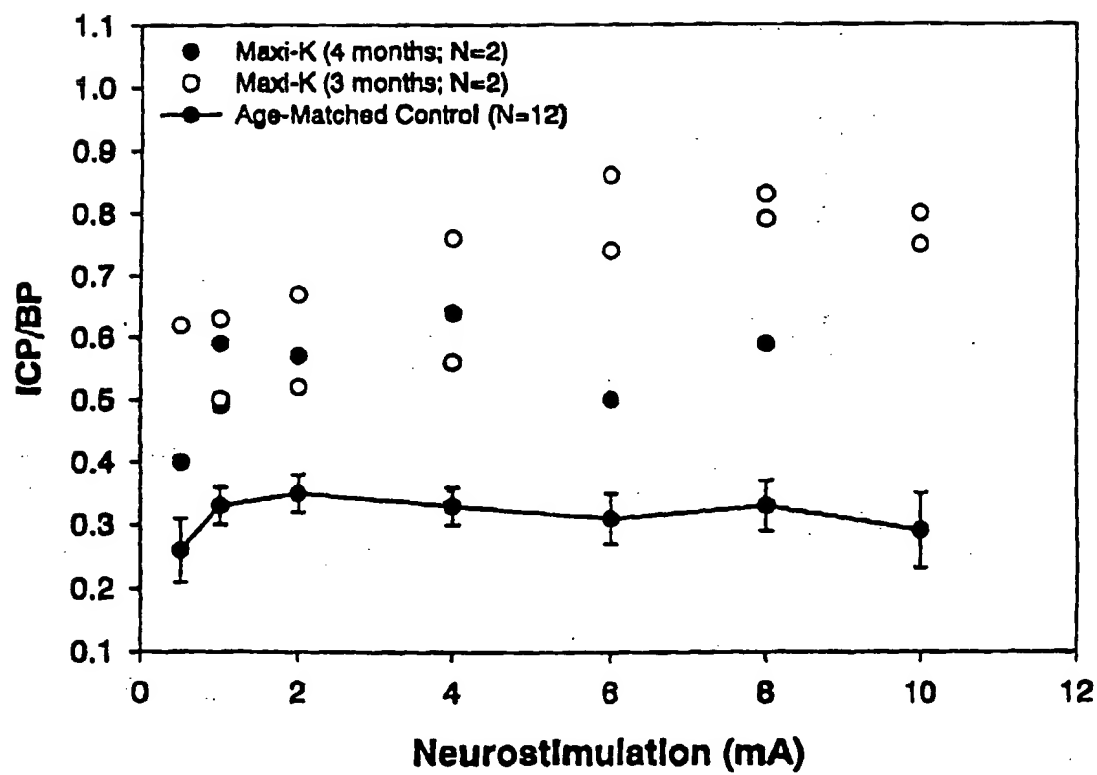


FIG. 10C

DIFFERENCES IN GENE EXPRESSION IN RECOMBINANT HUMAN  $K_{Ca}$  (*hSlo*)  
TRANSFECTED AND CONTROL RAT CORPORA SMOOTH MUSCLE

Figure 11A

5' untranslated  
region



Figure 11B

165 bp of  
endogenous  $K_{Ca}$

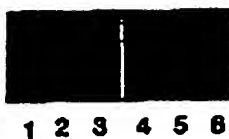
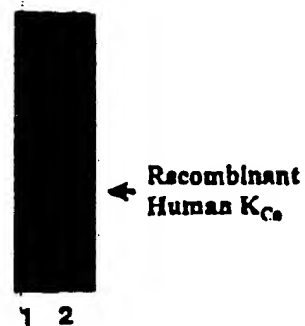


Figure 11C



FIGS. 11A, 11B and 11C

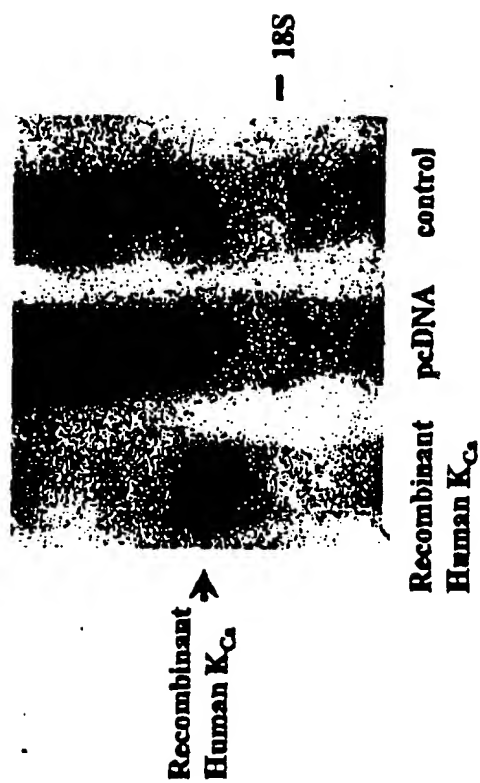


FIG. 12

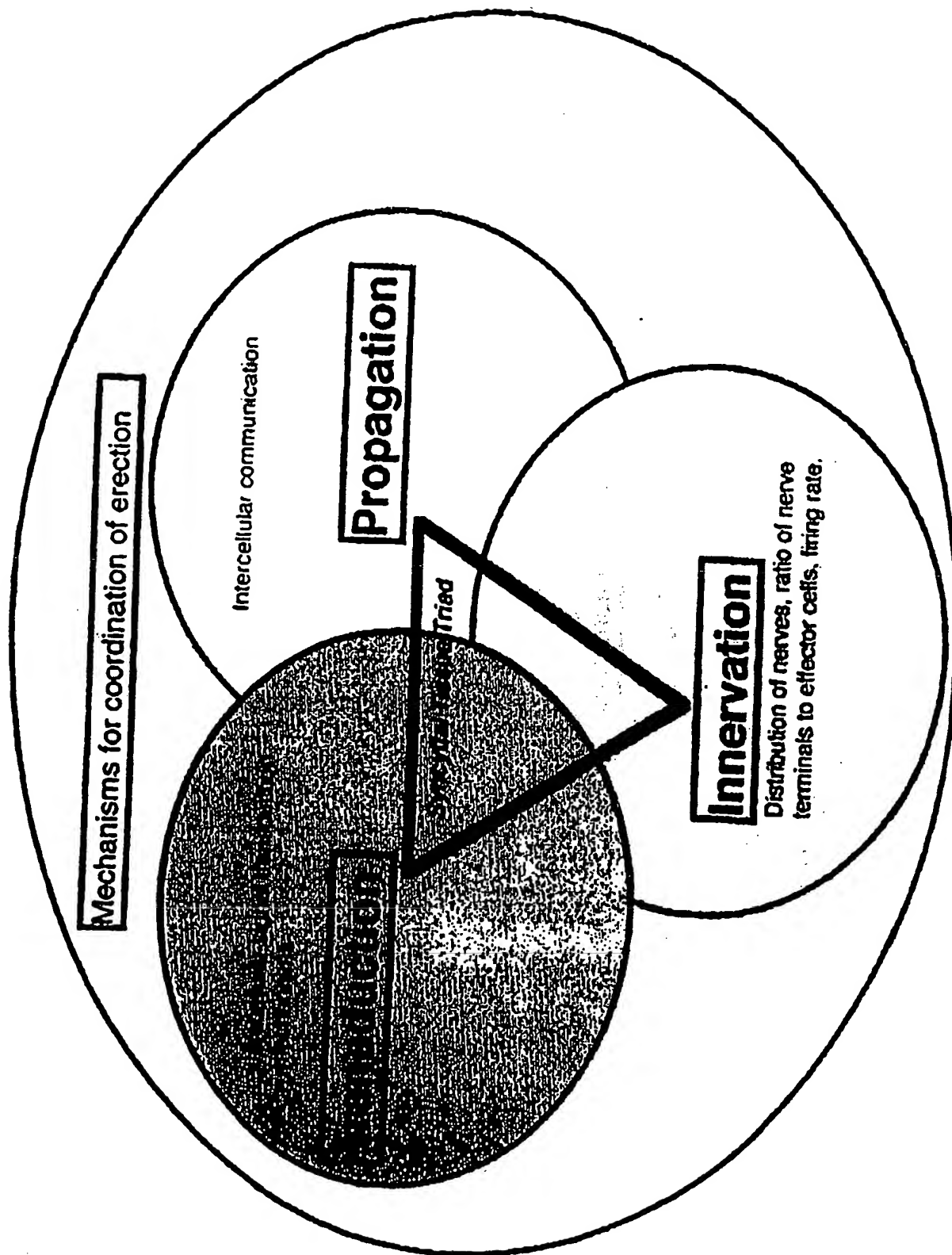


FIG. 13



Figure 14A

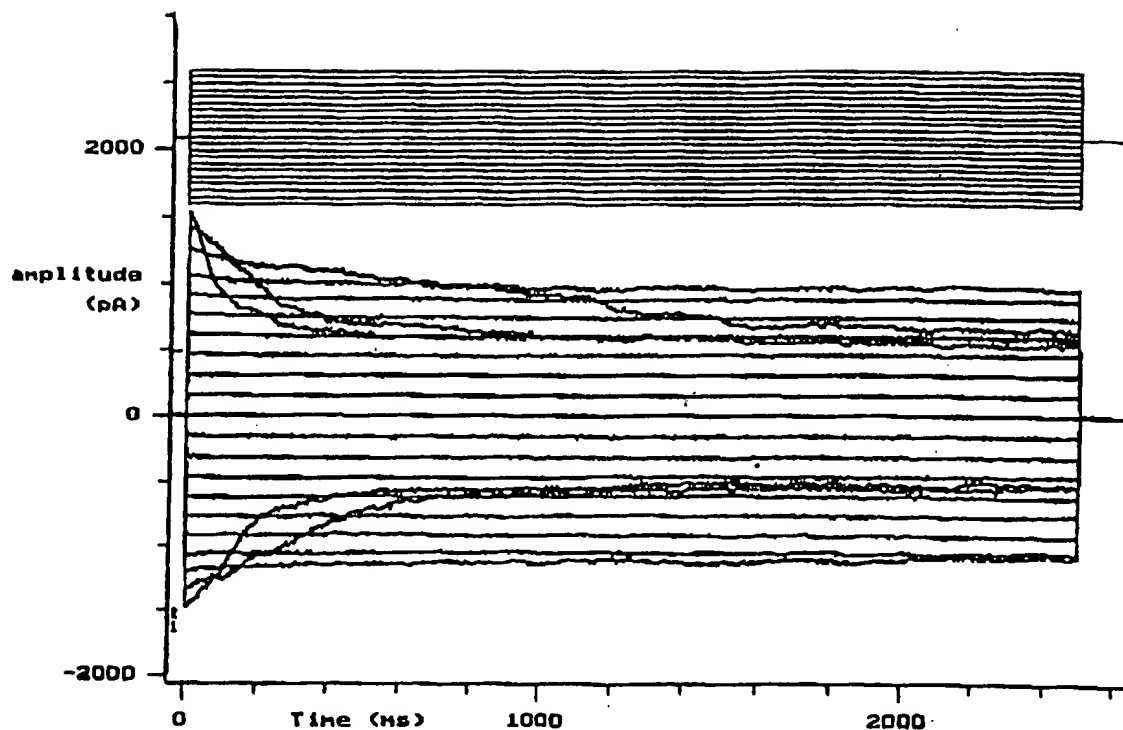
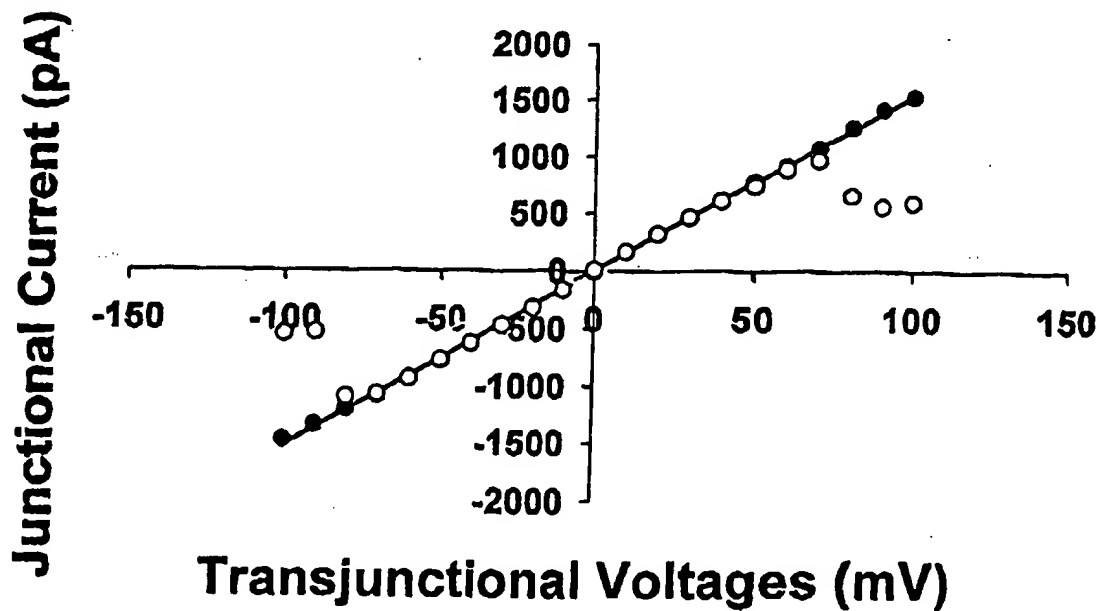


Figure 14B



FIGS. 14A and 14B

00120-09012560

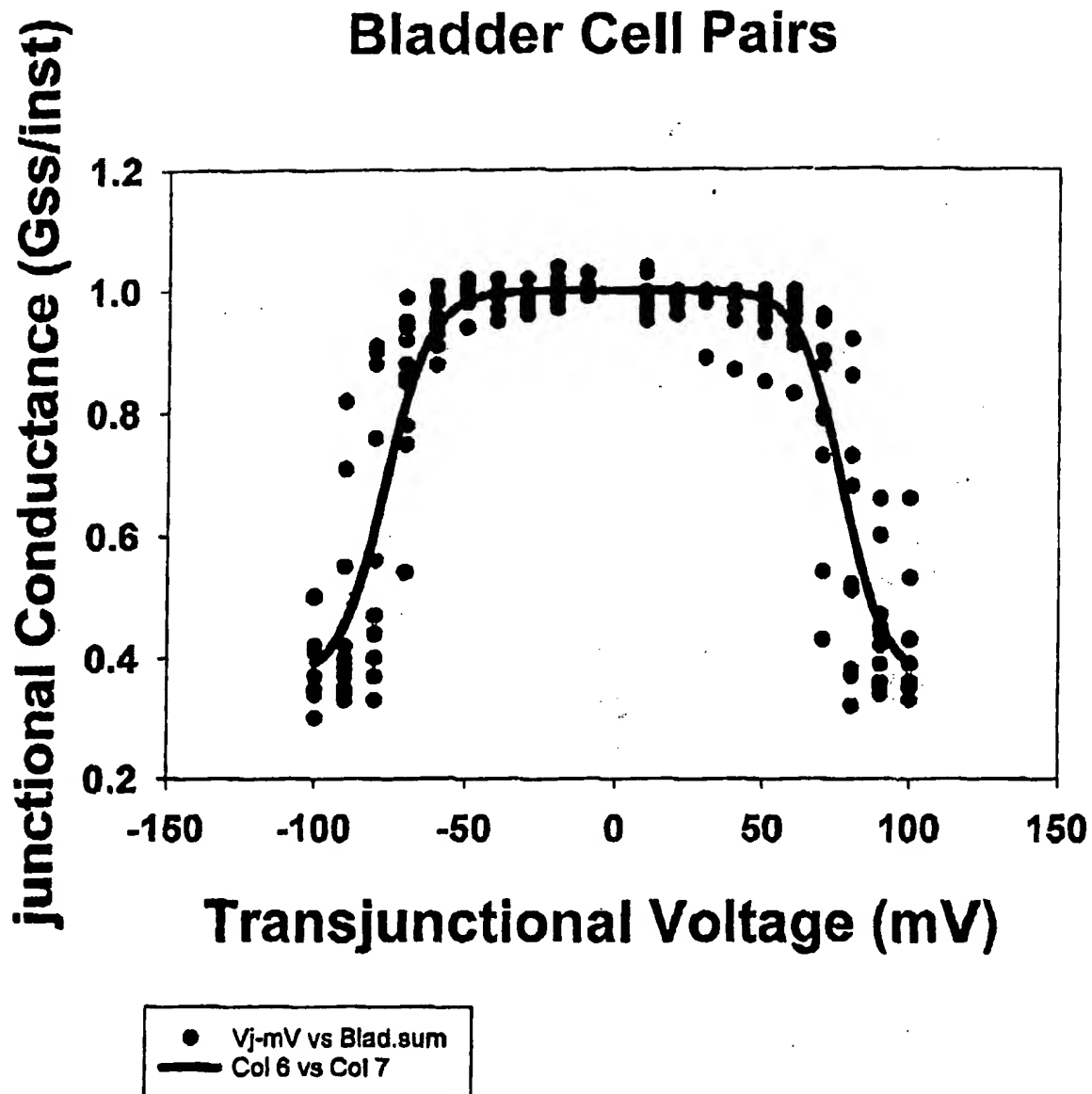


FIG. 15

Figure 16A

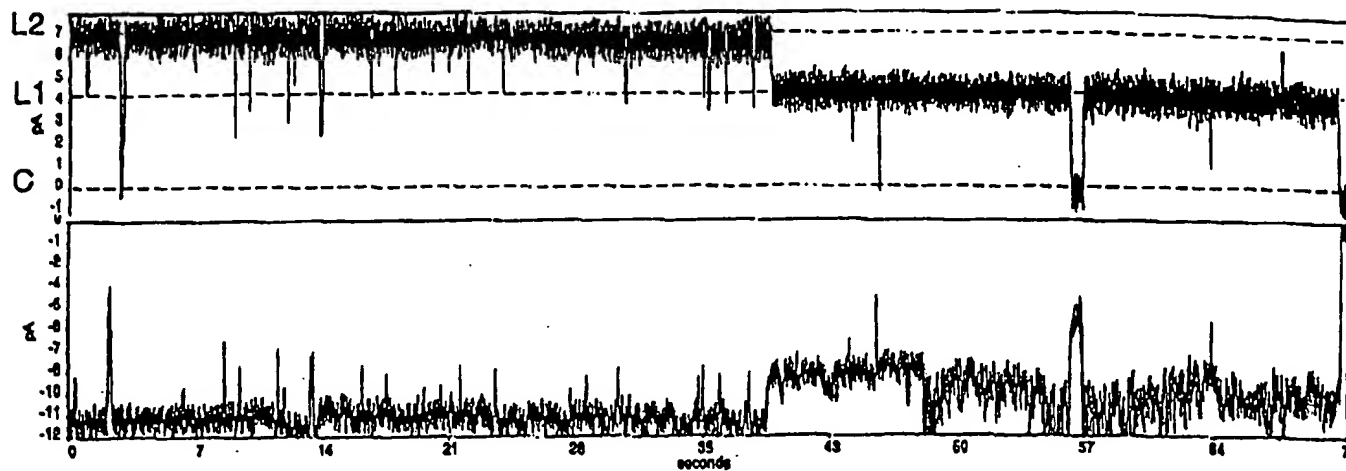


Figure 16B

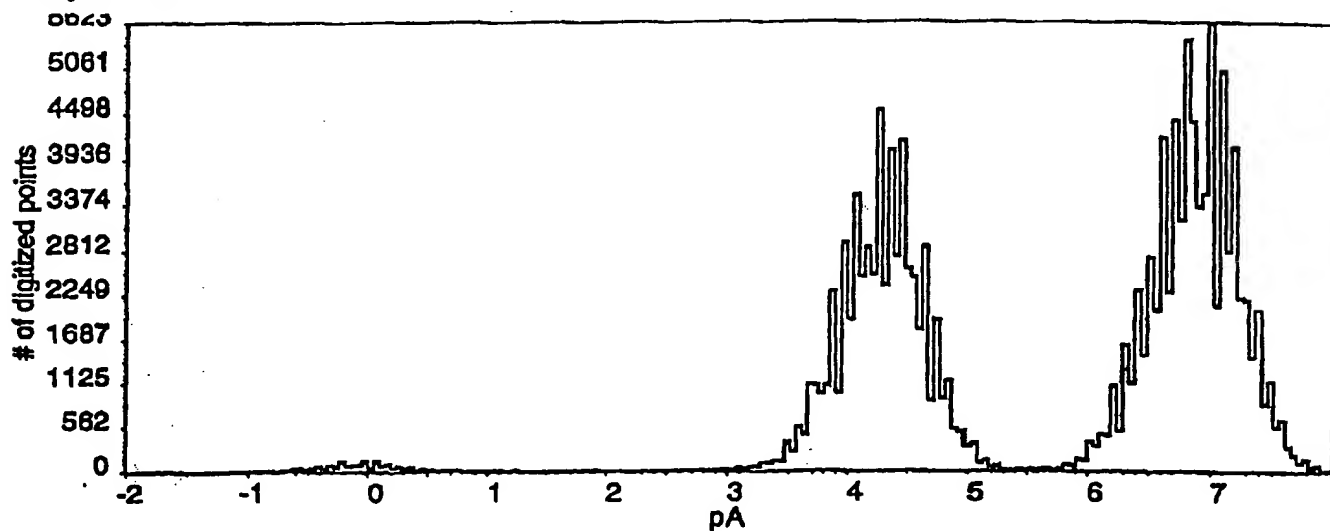
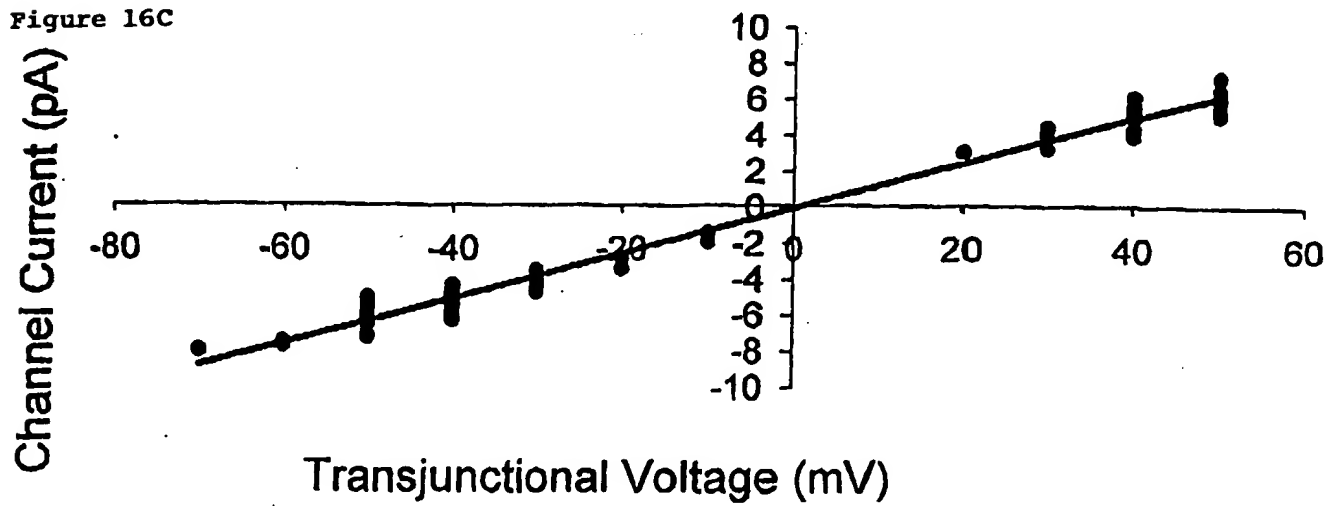


Figure 16C



FIGS. 16A, 16B, and 16C

001220-6967560

Figure 17A

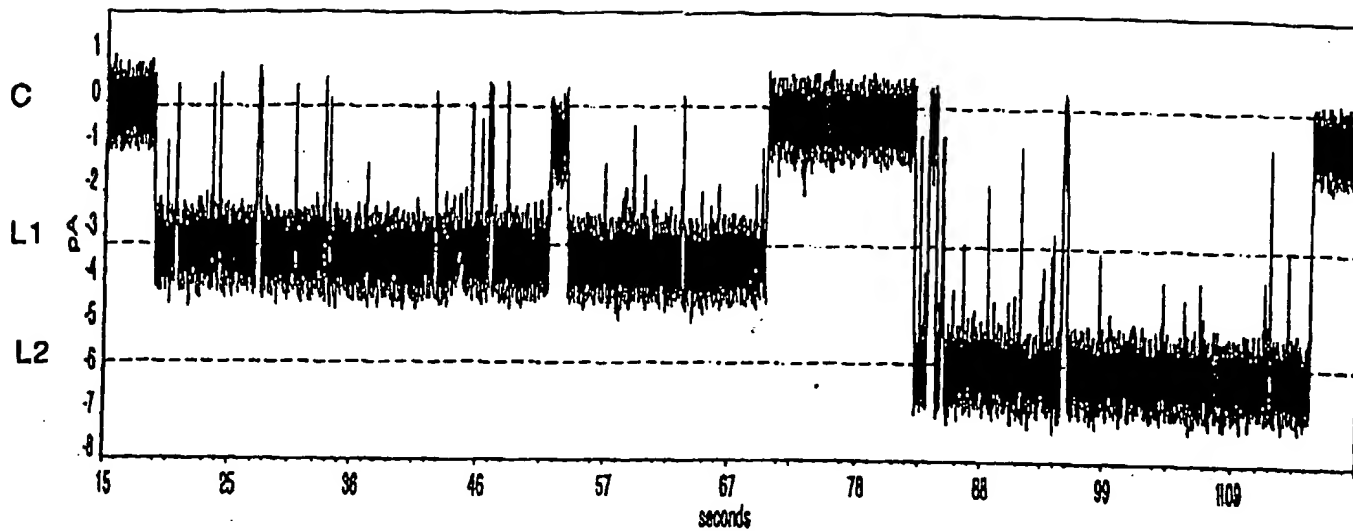
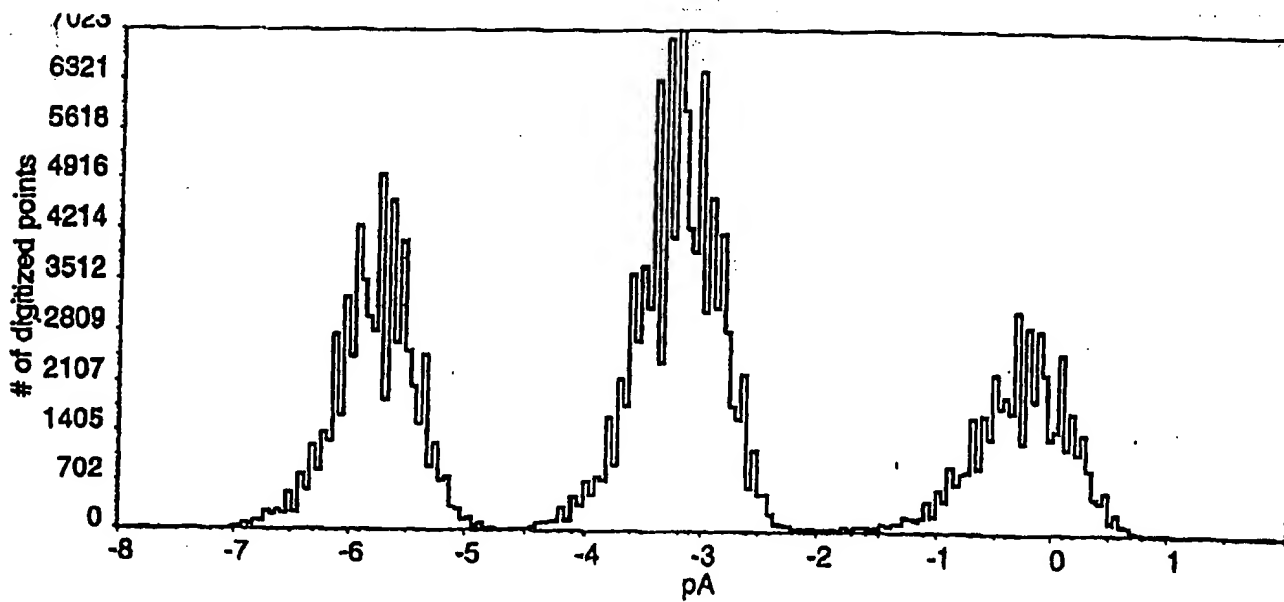


Figure 17B



FIGS. 17A and 17B

Figure 18A

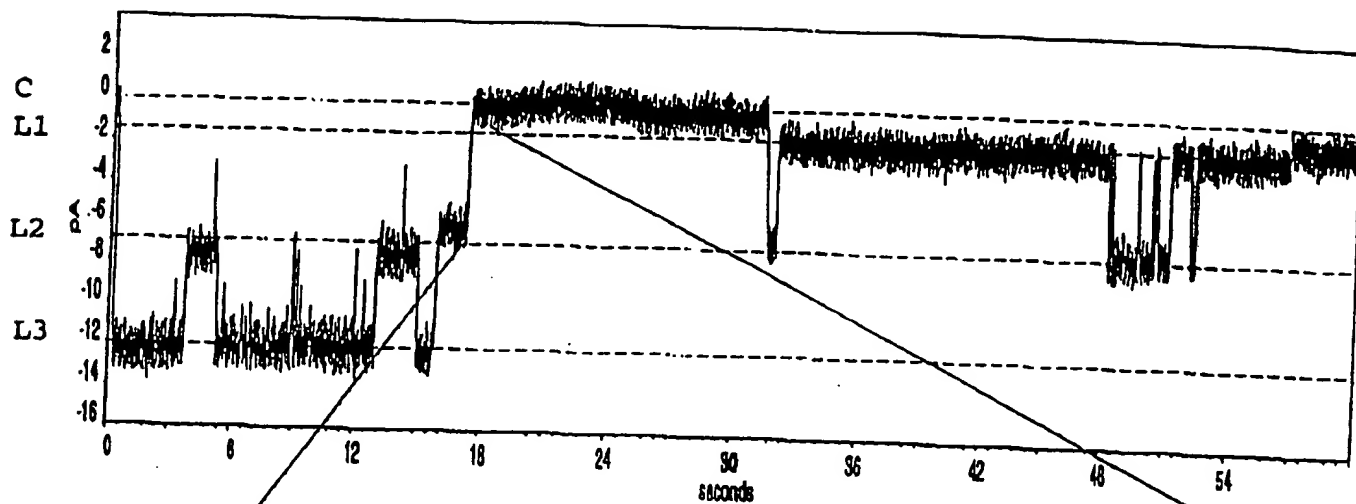


Figure 18B

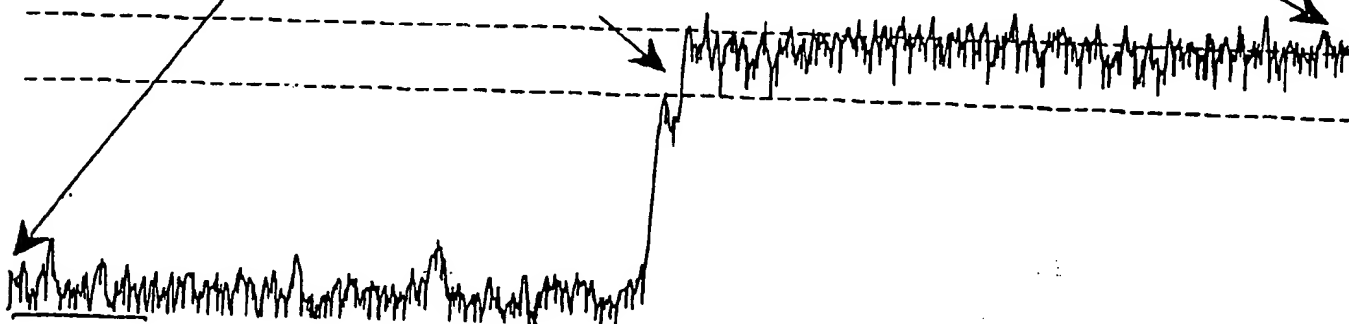
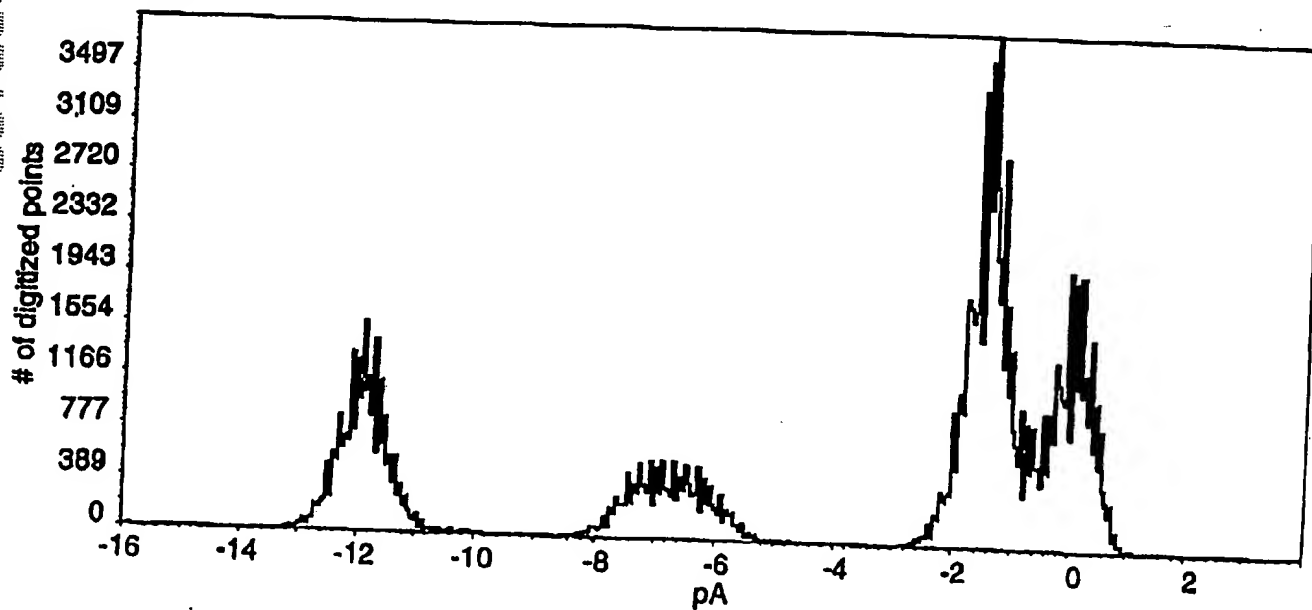


Figure 18C



FIGS. 18A, 18B and 18C

001360-0907560

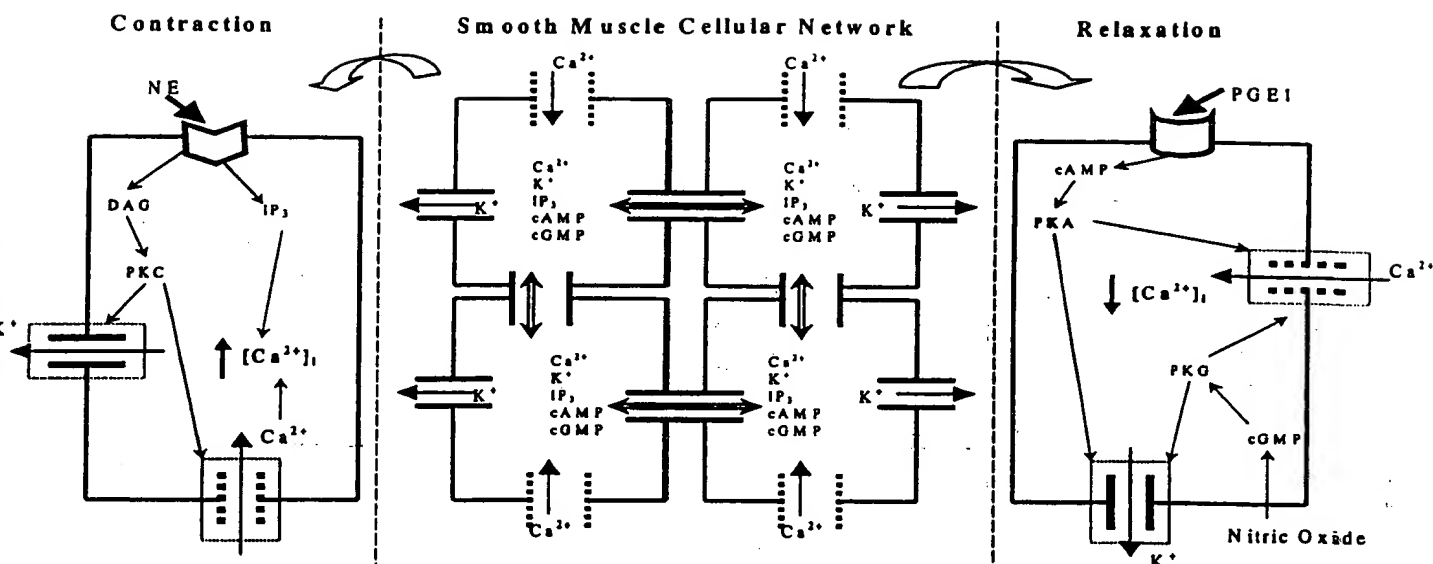


FIG. 19

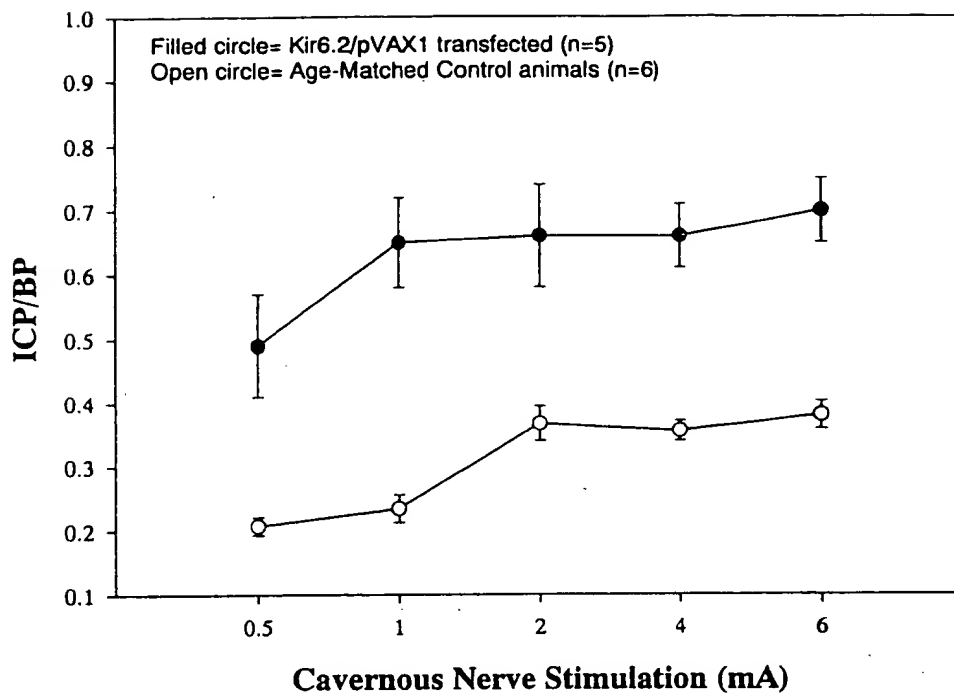
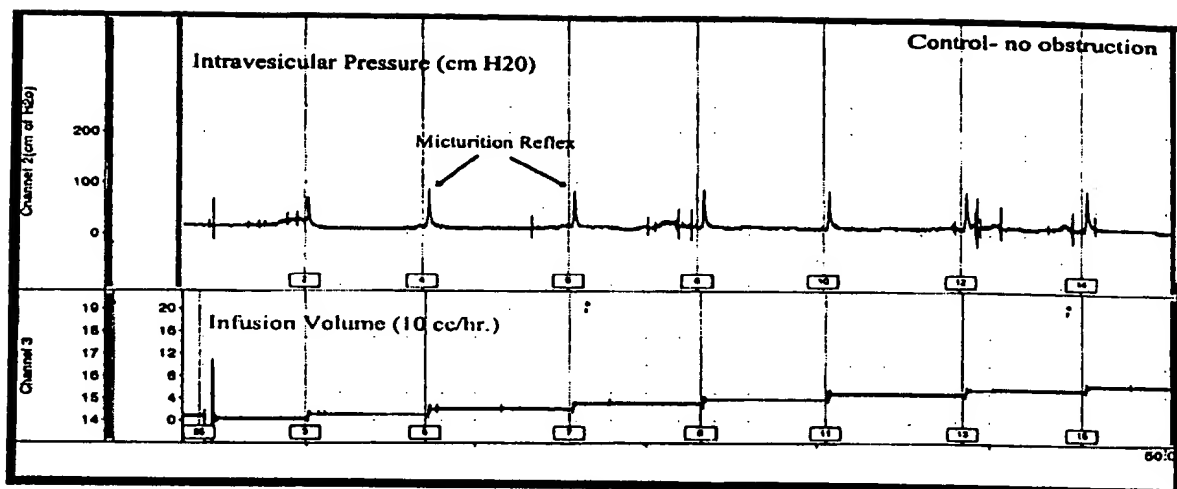
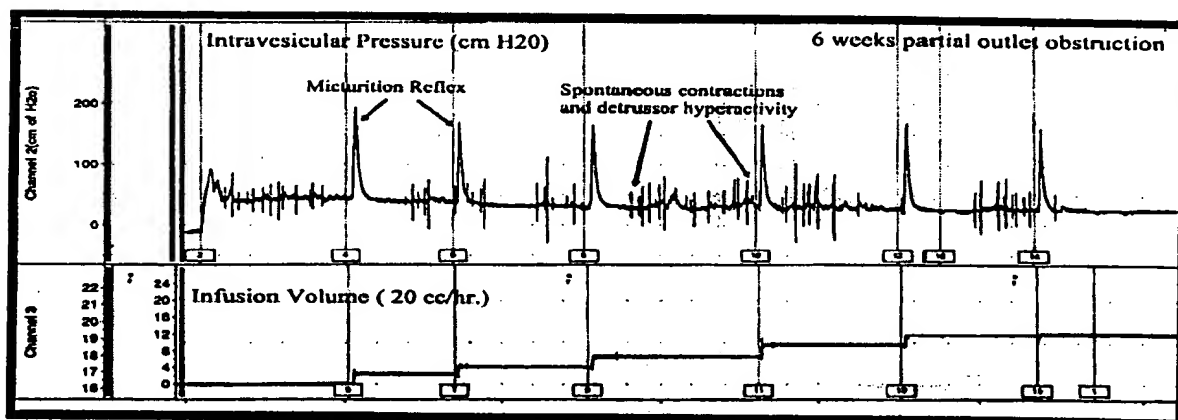


FIG. 20

A



B



FIGS. 21A and 21B